

Amendments to the Claims

and

Listing of Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Claims 1, 2, and 4-6 are amended.

Claims 3 and 7-9 are canceled.

1. (currently amended) ~~An~~ A pressure welding type anisotropic conductive elastic connector, comprising plural ~~linear conductors~~ beryllium copper wires arranged linearly and regularly in the thickness direction of a silicone rubber ~~an insulation elastic resin material~~; , the pressure welding type anisotropic conductive elastic connector being produced by the process comprising the steps of:

arranging the beryllium copper wires on a thin unvulcanized silicone rubber sheet in parallel to and close contact with each other, the beryllium copper wires being insulation-coated;

curing the thin unvulcanized silicone rubber sheet in this state so as to form a cured rubber sheet;

further adhering a thin unvulcanized silicone rubber sheet on the beryllium copper wires arranged on the cured rubber sheet to provide an adhered sheet;

laminating a plurality of the adhered sheets so as to form a block form;

heating and vulcanizing the block-formed laminate in this state so as to form a cured sheet; and

slicing the sheet,

wherein an electric insulation coating having a withstand voltage of 1 V/ μ m or more is formed to a thickness of 1 μ m or more on a side faces ~~face~~ of the ~~linear conductor~~ beryllium copper wires; and

the ~~linear conductors~~ beryllium copper wires are arranged with a pitch interval of 0.01 mm or less or are adjacent to each other in close contact with each other in the direction of the arrangement; and

corrosion inhibiting plating is provided on end faces of the beryllium copper wires.

2. (currently amended) The anisotropic conductive elastic connector according to claim 1, wherein the ~~end~~ ends of the beryllium copper wires are ~~linear conductor~~ is exposed from the silicone rubber ~~insulation elastic resin material~~ and ~~has~~ have a length that is substantially the same as the thickness of the insulation elastic resin material.
3. (canceled)
4. (currently amended) The anisotropic conductive elastic connector according to claim 1 3, wherein the corrosion inhibiting plating is electroless plating.
5. (currently amended) The anisotropic conductive elastic connector according to claim 1 4, wherein the corrosion inhibiting plating ~~electroless plating~~ is provided by providing gold plating on electroless nickel plating.
6. (currently amended) The anisotropic conductive elastic connector according to claim 1, wherein the arrangement density of the beryllium copper wires ~~linear conductors~~ is different depending on a predetermined conducting current capacity.
- 7-9. (canceled)